

## Snowdonia National Park

Forecast valid from 06:00 on Friday 10 Mar 2023 until 23:59 on Saturday 11 Mar 2023

Forecast Issued on Friday 10 Mar 2023 at 03:22

**Confidence:** High becoming Medium in details from Sunday.

**Headline for Friday 10 Mar 2023:** Winds easing and snow clearing. Significant windchill.

### Mountain weather hazards on Friday 10 Mar 2023

**Blizzards**

Low Likelihood

**Heavy persistent snow**

Low Likelihood

**Storm force winds**

No Likelihood

**Gales**

Low Likelihood

**Severe chill effect**

High Likelihood

**Poor visibility**

Medium Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent rain**

No Likelihood

**Strong sunlight**

Low Likelihood

| Weather and chance of precipitation at 800m                                        |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Time                                                                               |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
| 06:00                                                                              | 09:00                                                                              | 12:00                                                                              | 15:00                                                                              | 18:00                                                                                | 21:00                                                                                |
|  |  |  |  |  |  |
| Heavy snow                                                                         | Light snow                                                                         | Light snow showers                                                                 | Sunny intervals                                                                    | Partly cloudy (night)                                                                | Partly cloudy (night)                                                                |
| Precipitation probability                                                          |                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
| 60%                                                                                | 60%                                                                                | 30%                                                                                | 20%                                                                                | 10%                                                                                  | 10%                                                                                  |

### Forecast for Friday 10 Mar 2023

**Weather:** Heavy snow at first with blizzards, drifting and whiteout conditions. The snow will quickly clear away southeastwards this morning, with mainly light snow showers and bright spells following. Mostly dry with sunny spells this afternoon and clear spells this evening, although the odd light snow shower is still possible.

**Chance of cloud-free hill tops above 800m:** Nil to 20% at first rising to 90% this afternoon and evening.

**Low Cloud and visibility:** Extensive, base 500m or less at first, but gradually lifting and breaking above the summits. Visibility often poor or very poor until mid-morning, becoming mostly very good or excellent this afternoon and evening.

## Forecast for Friday 10 Mar 2023

| Height (m) | Wind Speed mean/gusts (mph) |         |         |         | Wind Direction (blowing from) |        |         |
|------------|-----------------------------|---------|---------|---------|-------------------------------|--------|---------|
|            | 06:00                       | 09:00   | 12:00   | 15:00   | 18:00                         | 21:00  | 00:00   |
| 900        | 38/45 NE                    | 28/34 N | 16/20 N | 12/15 N | 9/11 NE                       | 7/9 E  | 9/11 SE |
| 600        | 27/34 NE                    | 21/27 N | 12/16 N | 8/12 NE | 6/8 E                         | 6/8 E  | 7/10 SE |
| 300        | 17/29 N                     | 14/23 N | 8/15 N  | 5/10 NE | 3/6 E                         | 4/7 SE | 6/9 SE  |
| Valley     | 17/29 N                     | 14/23 N | 8/15 N  | 6/11 N  | 4/7 NE                        | 5/7 SE | 6/10 SE |

| Height (m)      | Temperature / Feels Like (°C) |        |        |        |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|--------|--------|--------|
|                 | 06:00                         | 09:00  | 12:00  | 15:00  | 18:00  | 21:00  | 00:00  |
| 900             | -5/-15                        | -5/-14 | -4/-11 | -4/-10 | -5/-10 | -5/-10 | -6/-11 |
| 600             | -3/-12                        | -3/-10 | -2/-7  | -1/-6  | -2/-6  | -3/-7  | -4/-8  |
| 300             | -1/-7                         | -0/-6  | 0/-3   | 1/-1   | -0/-3  | -2/-5  | -3/-6  |
| Valley          | 0/-6                          | 1/-4   | 2/-2   | 3/0    | 1/-1   | -0/-3  | -1/-4  |
| Freezing Level* | 100m                          | 200m   | 200m   | 200m   | 100m   | 00m    | 00m    |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

Sun glare possible off the snowpack along with ice. Some limited thaw from mid-morning to mid-afternoon then refreezing. Freezing level around 600m early afternoon. Strenuous walking in deep snow.

## Forecast for Saturday 11 Mar 2023

**Weather:** Clear and cold overnight with a moderate or severe frost, perhaps the odd freezing fog patch. Bright with some early morning sunshine, but upper cloud soon increasing with outbreaks of sleet and snow possible from mid-afternoon. The sleet and snow becoming heavy at times by early evening with blizzard and whiteout conditions possible above 600m. Then by midnight sleet and snow becoming confined to the highest summits.

**Maximum wind:** South or Southeast 20mph around the middle of the day, increasing 30 gusting 40mph later.

**Chance of cloud-free hill tops above 800m:** 90% or more at first, lowering nil by early by evening.

**Low Cloud and visibility:** No significant cloud at first, becoming extensive, base 600m or less, by the evening. Visibility very good falling poor or very poor at times later in the afternoon and during the evening.

**Temperature:** **Valleys:** Minus 6 Celsius rising to plus 3 Celsius in the afternoon and 6 Celsius in the evening.  
**At 800m:** Minus 5 Celsius, rising to around Plus 2 Celsius late in the day.  
**Freezing level:** All levels, rising 300 to 600m early afternoon, then rising to the highest summits by midnight.

**Ground Conditions Supplement**

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 03:22 on Fri 10 Mar 2023